Contents of volume 30

Volume 30, Nr. 1, 1 September 1996

Guest editorial

1 Issues on planning, managing and assessing complex electronic design processes *M.F. Jacome*

Papers

- 5 An update on a maturity benchmarking process for electronic design processes C.W. Rosenthal and R. Vigeland
- 13 Linking requirements and design data for automated functional evaluation S.T. Frezza, S.P. Levitan and P.K. Chrysanthis
- 27 Towards a model for electronic design process refinement *E.W. Johnson and J.B. Brockman*
- 37 Inter-organizational concurrent engineering: A case study in PCB manufacturing R. de Graaf and L. Kornelius
- 49 Managing a RASSP design process: A mid-program review M.J. Chung, L. Carmichael and M. Dukes
- 63 A database manager for cell based VLSI circuits N.K. Sehgal, Q. Wu and C.Y.R. Chen

Miscellaneous

- 73 Book review
- 75 Calendar of conferences and events

Volume 30, Nr. 2, 30 September 1996

Papers

- 77 The selection of the casting process using an expert system S.M. Darwish and A.M. El-Tamimi
- 87 Application of expert network for material selection in engineering design *V. Goel and J. Chen*
- 103 Designing for telecommunication services *P.T. Fitsilis*
- 113 A self-improving helpdesk service system using case-based reasoning techniques K.H. Chang, P. Raman, W.H. Carlisle and J.H. Cross
- 127 Production planning and control in textile industry: A case study N.I. Karacapilidis and C.P. Pappis
- 145 Extracting process planning information from various wire frame and feature based CAD systems J.-P. Kruth, G. Van Zeir and J. Detand

Miscellaneous

163 Book review

167 Calendar of conferences and events

Volume 30, Nr. 3, 15 October 1996

Special issue: Computer Integrated Manufacturing (ICCIM '95)

Editorial

169 Singapore - Collective competitiveness in a digital economy

R. de Souza and J. Winsor

Papers

171 Implementing mass customization

M.A. Eastwood

175 Strategies for planning and implementation of flexible fixturing systems in a computer integrated manufacturing environment

B. Shirinzadeh

185 Computer-aided visual inspection for integrated quality control

J.B. Zhang

193 Measurement of machine performance degradation using a neural network model

J. Lee

211 SimEnvir + +: An object-based simulation environment

R. de Souza and Y. Zhang

219 A flexible inspection cell for machined parts

M.K. Lee and K.Y. Chan

225 Development of a framework system for tool integration in a product information archive S. Sum, D. Koch, C.F. Nyen, D. Domazet and L. Seng San

233 A prototype system for early geometric configuration design

X. Guan, D.A. Stevenson and K.J. MacCallum

241 Simulation modelling of a narrow aisle automated storage and retrieval system (AS/RS) serviced by rail-guided vehicles

S.G. Lee, R. de Souza and E.K. Ong

Miscellaneous

255 Book review

257 Contents of volume 30

259 Author index to volume 30

261 Subject index to volume 30

263 Master author index to volumes 21-30

279 Master subject index to volumes 21-30